

GenCore version 5.1.4.p5.4578
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OM protein - nucleic search, using frame_plus_p2n model

Run on: March 15, 2003, 23:25:27 ; Search time 4.44656 Seconds
(without alignments)
2525.515 Million cell updates/sec

Title: US-08-978-217-12
Perfect score: 84
Sequence: 1 KNSSGWKEEVLQSRN 16

Scoring table:
BLOSUMP62
Xgapop 10.0 , Xgapext 0.5
Ygapop 10.0 , Ygapext 0.5
Fgapop 6.0 , Fgapext 7.0
Delop 6.0 , Delext 7.0

Searched: 501302 seqs, 350932545 residues

Total number of hits satisfying chosen parameters: 1002604

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Command line parameters:

-MODE=frame+ p2n.model -DEV=xip
-Q=/cgn2_1/USFTO.spool/US08978217/runat_14032003_141840_13490/app.query.fasta_1.1500
-DB=published.Applications_NA -QMT=fastap -SUFFIX=rnpb -MINMATCH=0.1
-LOOPCH=0 -LOOPEXT=0 -UNITS=bits -START=1 -END=-1 -MATRIX=blcsum62
-TRANS=human40.ccd -LIST=45 -DOCCALIGN=200 -THR SCORE=pct -THR MAX=100
-THR MIN=0 -MODE=LOCAL -OUTFMT=ptc -NORM=ext -HEAPSIZE=500 -MINLEN=0
-MAXLEN=200000000 -USER=US08978217 @CGN 1.1 145 @runat_14032003_141840_13490
-NCU=6 -ICPU=3 -NO_XLPRY -NO_MMAP -LARGEQUERY -NEG SCORES=0 -WAIT -LONGLOG
-DEV_TIMEOUT=120 -WARN_TIMEOUT=30 -THREADS=1 -XGAPOP=10 -XGAPEXT=0.5 -FGAPOP=6
-FGAPEXT=7 -YGAPOP=10 -YGAPEXT=0.5 -DELOP=6 -DELEXT=7

Database :

Published Applications NA: *
1: /cgn2_6/ptodata/2/pubpna/US07_PUBCOMB.seq: *
2: /cgn2_6/ptodata/2/pubpna/PCT_NEW_PUB.seq: *
3: /cgn2_6/ptodata/2/pubpna/US06_NEW_PUB.seq: *
4: /cgn2_6/ptodata/2/pubpna/US06_PUBCOMB.seq: *
5: /cgn2_6/ptodata/2/pubpna/US07_NEW_PUB.seq: *
6: /cgn2_6/ptodata/2/pubpna/PCTUS_PUBCOMB.seq: *
7: /cgn2_6/ptodata/2/pubpna/US08_NEW_PUB.seq: *
8: /cgn2_6/ptodata/2/pubpna/US08_PUBCOMB.seq: *
9: /cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq: *
10: /cgn2_6/ptodata/2/pubpna/US09_PUBCOMB.seq: *
11: /cgn2_6/ptodata/2/pubpna/US10_NEW_PUB.seq: *
12: /cgn2_6/ptodata/2/pubpna/US10_PUBCOMB.seq: *
13: /cgn2_6/ptodata/2/pubpna/US60_NEW_PUB.seq: *
14: /cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq: *

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	84	100.0	451	10	US-09-998-598-32
2	84	100.0	499	10	US-09-998-598-2290
3	84	100.0	1915	10	US-09-964-824A-101
4	84	100.0	1915	10	US-09-964-824A-563

5	84	100.0	1915	10	US-09-880-107-3420	Sequence 3420, Ap
6	84	100.0	1915	10	US-09-967-768A-192	Sequence 192, Ap
7	84	100.0	1917	9	US-10-025-380-1105	Sequence 1105, Ap
8	84	100.0	1917	10	US-09-922-217-1105	Sequence 1105, Ap
9	84	100.0	1996	10	US-09-925-301-207	Sequence 207, Ap
10	57	67.9	1681	9	US-09-986-480-40	Sequence 40, Ap
11	48	57.1	174	9	US-09-933-797-678	Sequence 678, Ap
12	46	54.8	1571	9	US-09-938-842A-4493	Sequence 4493, Ap
13	46	54.8	3060	9	US-09-938-842B-760	Sequence 760, Ap
14	46	54.8	11517	10	US-09-901-106-1	Sequence 1, Ap
15	45	53.6	463	10	US-09-983-965-4018	Sequence 4018, Ap
16	45	53.6	538	10	US-09-864-761-15437	Sequence 15437, A
17	45	53.6	1364	10	US-09-880-107-2207	Sequence 2207, Ap
18	45	53.6	1959	10	US-09-764-898-76	Sequence 76, Ap
19	45	53.6	7557	12	US-10-044-090-253	Sequence 253, Ap
20	44	52.4	2895	10	US-09-998-598-369	Sequence 369, Ap
21	44	52.4	32193	9	US-09-764-868-1508	Sequence 1508, Ap
22	44	52.4	9885	10	US-09-770-688A-3	Sequence 3, Ap
23	44	52.4	640681	10	US-09-790-988-1	Sequence 1, Ap
24	43	51.2	475	10	US-09-864-761-5363	Sequence 5363, Ap
25	43	51.2	655	10	US-09-734-569-141	Sequence 141, Ap
26	43	51.2	714	10	US-09-910-943-119	Sequence 119, Ap
27	43	51.2	2450	10	US-09-734-569-177	Sequence 177, Ap
28	43	51.2	4037	9	US-09-954-531-986	Sequence 986, Ap
29	43	51.2	4037	10	US-09-880-107-3942	Sequence 3942, Ap
30	43	51.2	4516	10	US-09-764-877-3670	Sequence 3670, Ap
31	43	51.2	7524	10	US-09-764-847-1159	Sequence 1159, Ap
32	43	51.2	32134	10	US-09-764-847-1057	Sequence 1057, Ap
33	43	51.2	32134	10	US-09-764-847-3535	Sequence 3535, Ap
34	43	51.2	368004	10	US-09-949-654-3	Sequence 3, Ap
35	43	51.2	378361	9	US-09-901-136-3	Sequence 3, Ap
36	42	50.0	152	10	US-09-864-761-23799	Sequence 23799, A
37	42	50.0	252	10	US-09-878-574-15540	Sequence 15540, A
38	42	50.0	294	10	US-09-974-300-6733	Sequence 6733, Ap
39	42	50.0	544	10	US-09-864-761-7068	Sequence 7068, Ap
40	42	50.0	694	9	US-09-229-173-17	Sequence 17, Ap
41	42	50.0	855	10	US-09-974-300-1041	Sequence 1041, Ap
42	42	50.0	1159	10	US-09-925-301-251	Sequence 251, Ap
43	42	50.0	1265	9	US-09-736-457-95	Sequence 95, Ap
44	42	50.0	1265	9	US-09-902-941-95	Sequence 95, Ap
45	42	50.0	1265	9	US-09-849-626-95	Sequence 95, Ap

ALIGNMENTS

RESULT 1
US-09-998-598-32
; Sequence 32, Application US/0998598
; Patent No. US20020150922A1
; GENERAL INFORMATION:
; APPLICANT: Stolk, John A.
; APPLICANT: Xu, Jiangchun
; APPLICANT: Chenault, Ruth A.
; APPLICANT: Meagher, Madelein Joy
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
; FILE REFERENCE: 210121.561
; CURRENT APPLICATION NUMBER: US/09/998.598
; CURRENT FILING DATE: 2001-11-16
; NUMBER OF SEQ ID NOS: 2606
; SOFTWARE: Corixa Invention Disclosure Database
; SEQ ID NO 32
; LENGTH: 451
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-998-598-32

Alignment Scores:
Pred. No.: 3,73e-06
Score: 84.00
Percent Similarity: 100.00%
Best Local Similarity: 100.00%
Query Match: 100.00%

Length: 451
Matches: 16
Conservative: 0
Mismatch: 0
Indels: 0

DB: 10 Gaps: 0

US-08-978-217-12 (1-16) x US-09-998-598-32 (1-451)

OY 1 LysAnserSerGlyTTPlysgluGluValLeuGlnSerArgAsn 16

Db 170 AAAAAGCTCAAGCGCTGGAAGAGAGAGAGGTTCTCCAGAGTCGGAAC 217

RESULT 2

US-09-998-598-2290/C

/ Sequence 2290, Application US/09998598

/ Patent No. US20020150922A1

/ GENERAL INFORMATION:

/ APPLICANT: Stolk, John A.

/ APPLICANT: Xu, Jiangchun

/ APPLICANT: Chenault, Ruth A.

/ APPLICANT: Mesgher, Madelein Joy

/ TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND

/ FILE REFERENCE: 210121.561

/ CURRENT APPLICATION NUMBER: US/09/998,598

/ CURRENT FILING DATE: 2001-11-16

/ NUMBER OF SEQ ID NOS: 2606

/ SOFTWARE: Corixa Invention Disclosure Database

/ SEQ ID NO 2290

/ LENGTH: 499

/ TYPE: DNA

/ ORGANISM: Homo sapiens

US-09-998-598-2290

Alignment Scores:

Pred. No.: 4,21e-06 Length: 499

Score: 84.00 Matches: 16

Percent Similarity: 100.00% Conservative: 0

Best Local Similarity: 100.00% Mismatches: 0

Query Match: 100.00% Indels: 0

DB: 10 Gaps: 0

US-08-978-217-12 (1-16) x US-09-998-598-2290 (1-499)

OY 1 LysAnserSerGlyTTPlysgluGluValLeuGlnSerArgAsn 16

Db 95 AAAAAGCTCAAGCGCTGGAAGAGAGAGGTTCTCCAGAGTCGGAAC 48

RESULT 3

US-09-964-824A-101

/ Sequence 101, Application US/09964824A

/ Patent No. US20020102531A1

/ GENERAL INFORMATION:

/ APPLICANT: Horrigan, Stephen

/ TITLE OF INVENTION: Cancer Gene Determination and Therapeutic Screening Using Signatu

/ TITLE OF INVENTION: Sets

/ FILE REFERENCE: 689290-73

/ CURRENT APPLICATION NUMBER: US/09/964,824A

/ CURRENT FILING DATE: 2001-09-27

/ PRIOR APPLICATION NUMBER: US/60/236,033

/ PRIOR FILING DATE: 2000-09-28

/ PRIOR APPLICATION NUMBER: US/60/236,032

/ PRIOR FILING DATE: 2000-09-28

/ PRIOR APPLICATION NUMBER: US/60/236,028

/ PRIOR FILING DATE: 2000-09-28

/ NUMBER OF SEQ ID NOS: 583

/ SOFTWARE: PatentIn version 3.0

/ SEQ ID NO 101

/ LENGTH: 1915

/ TYPE: DNA

/ ORGANISM: Homo sapiens

US-09-964-824A-101

Alignment Scores:

Pred. No.: 2.07e-05 Length: 1915

Score: 84.00 Matches: 16

Percent Similarity: 100.00% Conservative: 0

Best Local Similarity: 100.00% Mismatches: 0

Query Match: 100.00% Indels: 0

Conservative: 0

Best Local Similarity: 100.00% Mismatches: 0

Query Match: 100.00% Indels: 0

DB: 10 Gaps: 0

US-08-978-217-12 (1-16) x US-09-964-824A-101 (1-1915)

OY 1 LysAnserSerGlyTTPlysgluGluValLeuGlnSerArgAsn 16

Db 1185 AAAAAGCTCAAGCGCTGGAAGAGAGAGGTTCTCCAGAGTCGGAAC 1232

RESULT 4

US-09-964-824A-563

/ Sequence 563, Application US/09964824A

/ Patent No. US20020102531A1

/ GENERAL INFORMATION:

/ APPLICANT: Horrigan, Stephen

/ TITLE OF INVENTION: Cancer Gene Determination and Therapeutic Screening Using Signatu

/ TITLE OF INVENTION: Sets

/ FILE REFERENCE: 689290-73

/ CURRENT APPLICATION NUMBER: US/09/964,824A

/ CURRENT FILING DATE: 2001-09-27

/ PRIOR APPLICATION NUMBER: US/60/236,033

/ PRIOR FILING DATE: 2000-09-28

/ PRIOR APPLICATION NUMBER: US/60/236,032

/ PRIOR FILING DATE: 2000-09-28

/ PRIOR APPLICATION NUMBER: US/60/236,028

/ PRIOR FILING DATE: 2000-09-28

/ NUMBER OF SEQ ID NOS: 583

/ SOFTWARE: PatentIn version 3.0

/ SEQ ID NO 563

/ LENGTH: 1915

/ TYPE: DNA

/ ORGANISM: Homo sapiens

US-09-964-824A-563

Alignment Scores:

Pred. No.: 2.07e-05 Length: 1915

Score: 84.00 Matches: 16

Percent Similarity: 100.00% Conservative: 0

Best Local Similarity: 100.00% Mismatches: 0

Query Match: 100.00% Indels: 0

DB: 10 Gaps: 0

US-08-978-217-12 (1-16) x US-09-964-824A-563 (1-1915)

OY 1 LysAnserSerGlyTTPlysgluGluValLeuGlnSerArgAsn 16

Db 1185 AAAAAGCTCAAGCGCTGGAAGAGAGAGGTTCTCCAGAGTCGGAAC 1232

RESULT 5

US-09-880-107-3420

/ Sequence 3420, Application US/09880107

/ Patent No. US20020142981A1

/ GENERAL INFORMATION:

/ APPLICANT: Horne, Darci T.

/ APPLICANT: Vockley, Joseph G.

/ APPLICANT: Scherf, Uwe

/ TITLE OF INVENTION: Gene Logic, Inc.

/ TITLE OF INVENTION: Gene Expression Profiles in Liver Cancer

/ FILE REFERENCE: 44921-5028-WO

/ CURRENT APPLICATION NUMBER: US/09/880,107

/ CURRENT FILING DATE: 2001-06-14

/ PRIOR APPLICATION NUMBER: US 60/211,379

/ PRIOR FILING DATE: 2000-06-14

/ PRIOR APPLICATION NUMBER: US 60/237,054

/ PRIOR FILING DATE: 2000-10-02

/ NUMBER OF SEQ ID NOS: 3950

/ SOFTWARE: PatentIn Ver. 2.1

/ SEQ ID NO 3420

/ LENGTH: 1915

/ TYPE: DNA

/ ORGANISM: Homo sapiens

FEATURE:

OTHER INFORMATION: Genbank Accession No. US20020142961A1 U73843
US-09-880-107-3420

Alignment Scores:

Pred. No.:	2.07e-05	Length:	1915
Score:	84.00	Matches:	16
Percent Similarity:	100.00%	Conservative:	0
Best Local Similarity:	100.00%	Mismatches:	0
Query Match:	100.00%	Indels:	0
DB:	10	Gaps:	0

US-08-978-217-12 (1-16) x US-09-880-107-3420 (1-1915)

Qy 1 LysAsnSerSerGlyTTPlySGluGluValleuGlnSerArgan 16

Db 1185 AAAAATCAAGCGGCTGGAAGAGAGAGAGGTTCTCCAGAGTCGAAC 1232

RESULT 6

US-09-967-768A-192
Sequence 192, Application US/09967768A
Patent No. US20020150877A1

GENERAL INFORMATION:

APPLICANT: Augustus, Meena
TITLE OF INVENTION: Cancer Gene Determination and Therapeutic Screening Using Signatu
FILE REFERENCE: 689290-72
CURRENT APPLICATION NUMBER: US/09/967,768A
PRIOR FILING DATE: 2001-09-28
PRIOR APPLICATION NUMBER: US/60/236,109
PRIOR FILING DATE: 2000-09-28
PRIOR APPLICATION NUMBER: US/60/236,034
PRIOR FILING DATE: 2000-09-28
PRIOR APPLICATION NUMBER: US/60/236,111
NUMBER OF SEQ ID NOS: 325
SOFTWARE: Patentin version 3.0
SEQ ID NO 192
LENGTH: 1915
TYPE: DNA
ORGANISM: Homo sapiens
US-09-967-768A-192

Alignment Scores:

Pred. No.:	2.07e-05	Length:	1915
Score:	84.00	Matches:	16
Percent Similarity:	100.00%	Conservative:	0
Best Local Similarity:	100.00%	Mismatches:	0
Query Match:	100.00%	Indels:	0
DB:	10	Gaps:	0

US-08-978-217-12 (1-16) x US-09-967-768A-192 (1-1915)

Qy 1 LysAsnSerSerGlyTTPlySGluGluValleuGlnSerArgan 16

Db 1185 AAAAATCAAGCGGCTGGAAGAGAGAGGTTCTCCAGAGTCGAAC 1232

RESULT 7

US-10-025-380-1105
Sequence 1105, Application US/10025380
Patent No. US20020182191A1

GENERAL INFORMATION:

APPLICANT: Xu, Jiangchun
APPLICANT: Lodes, Michael J.
APPLICANT: Secrist, Heather
APPLICANT: Benson, Darin R.
APPLICANT: Meagher, Madeleine Joy
APPLICANT: Stolk, John A.
APPLICANT: Wang, Tongtong
APPLICANT: Jiang, Yugu
APPLICANT: Smith, Carole L.
APPLICANT: King, Gordon E.
APPLICANT: Wang, Aijun
APPLICANT: Clapper, Jonathan D.

APPLICANT: Skeiky, Yasir A. W.

APPLICANT: Fanger, Gary R.

APPLICANT: Vedvick Thomas S.

APPLICANT: Carter, Darick

TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY AND DIAGNOSIS

TITLE OF INVENTION: OF COLON CANCER AND METHODS FOR THEIR USE

FILE REFERENCE: 210121.471C14

CURRENT APPLICATION NUMBER: US/10/025,380

CURRENT FILING DATE: 2001-12-19

NUMBER OF SEQ ID NOS: 1129

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 1105

LENGTH: 1917

TYPE: DNA

ORGANISM: Homo sapiens

US-10-025-380-1105

Alignment Scores:

Pred. No.:	2.07e-05	Length:	1917
Score:	84.00	Matches:	16
Percent Similarity:	100.00%	Conservative:	0
Best Local Similarity:	100.00%	Mismatches:	0
Query Match:	100.00%	Indels:	0
DB:	9	Gaps:	0

US-08-978-217-12 (1-16) x US-10-025-380-1105 (1-1917)

Qy 1 LysAsnSerSerGlyTTPlySGluGluValleuGlnSerArgan 16

Db 1187 AAAAATCAAGCGGCTGGAAGAGAGAGGTTCTCCAGAGTCGAAC 1234

RESULT 8

US-09-922-217-1105
Sequence 1105, Application US/09922217
Patent No. US20020076414A1

GENERAL INFORMATION:

APPLICANT: Xu, Jiangchun
APPLICANT: Lodes, Michael J.
APPLICANT: Secrist, Heather
APPLICANT: Benson, Darin R.
APPLICANT: Meagher, Madeleine Joy
APPLICANT: Stolk, John A.
APPLICANT: Wang, Yugu
APPLICANT: Jiang, Tongtong
APPLICANT: Smith, Carole Lynn
APPLICANT: King, Gordon E.
APPLICANT: Wang, Aijun
APPLICANT: Clapper, Jonathan D.
TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY AND DIAGNOSIS
TITLE OF INVENTION: OF COLON CANCER AND METHODS FOR THEIR USE
FILE REFERENCE: 210121.471C13
CURRENT APPLICATION NUMBER: US/09/922,217
CURRENT FILING DATE: 2001-08-03
NUMBER OF SEQ ID NOS: 1124
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 1105
LENGTH: 1917
TYPE: DNA
ORGANISM: Homo sapiens
US-09-922-217-1105

Alignment Scores:

Pred. No.:	2.07e-05	Length:	1917
Score:	84.00	Matches:	16
Percent Similarity:	100.00%	Conservative:	0
Best Local Similarity:	100.00%	Mismatches:	0
Query Match:	100.00%	Indels:	0
DB:	10	Gaps:	0

US-08-978-217-12 (1-16) x US-09-922-217-1105 (1-1917)

Qy 1 LysAsnSerSerGlyTTPlySGluGluValleuGlnSerArgan 16

Db 1187 AAAAATCAAGCGGCTGGAAGAGAGAGGTTCTCCAGAGTCGAAC 1234

Db 1187 AAAAAGCTGAGGCTGAGAGAGAGAGAGGTTCTCCAGAGTCGAGAC 1234

RESULT 9

US-09-925-301-207

Sequence 207, Application US/09925301

Patent No. US20020052308A1

GENERAL INFORMATION:

APPLICANT: Rosen et al.

TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies

FILE REFERENCE: PA106

CURRENT APPLICATION NUMBER: US/09/925,301

PRIOR FILING DATE: 2001-08-10

PRIOR APPLICATION NUMBER: PCT/US00/05882

PRIOR FILING DATE: 2000-03-08

PRIOR APPLICATION NUMBER: 60/124,270

PRIOR FILING DATE: 1999-03-12

NUMBER OF SEQ ID NOS: 1694

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 207

LENGTH: 1996

TYPE: DNA

ORGANISM: Homo sapiens

US-09-925-301-207

Alignment Scores:

Pred. No.: 2.17e-05 Length: 1996

Score: 84.00 Matches: 16

Percent Similarity: 100.00% Conservative: 0

Best Local Similarity: 100.00% Mismatches: 0

Query Match: 100.00% Indels: 0

DB: 10 Gaps: 0

US-08-978-217-12 (1-16) x US-09-925-301-207 (1-1996)

Oy 1 LysaenseSerglyTlypLygluGlulValleugInserArgAsn 16

Db 1206 AAAAAGCTGAGGCTGAGAGAGAGAGAGGTTCTCCAGAGTCGAGAC 1253

RESULT 10

US-09-986-480-40/c

Sequence 40, Application US/09986480

Publication No. US20030027999A1

GENERAL INFORMATION:

APPLICANT: Rosen et al.

TITLE OF INVENTION: 143 Human Secreted Proteins

FILE REFERENCE: PS500P1

CURRENT APPLICATION NUMBER: US/09/986,480

PRIOR FILING DATE: 2001-11-08

PRIOR APPLICATION NUMBER: PCT/US00/12788

PRIOR FILING DATE: 2000-05-11

PRIOR APPLICATION NUMBER: US 60/134,068

PRIOR FILING DATE: 1999-05-13

NUMBER OF SEQ ID NOS: 456

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 40

LENGTH: 1681

TYPE: DNA

ORGANISM: Homo sapiens

FEATURE:

NAME/KEY: SITE

LOCATION: (6)

OTHER INFORMATION: n equals a,t,g, or c

NAME/KEY: SITE

LOCATION: (50)

OTHER INFORMATION: n equals a,t,g, or c

US-09-986-480-40

Alignment Scores:

Pred. No.: 0.82 Length: 1681

Score: 57.00 Matches: 10

Percent Similarity: 81.25% Conservative: 3

Best Local Similarity: 62.50% Mismatches: 3

Query Match: 67.86% Indels: 0

DB: 9 Gaps: 0

US-08-978-217-12 (1-16) x US-09-986-480-40 (1-1681)

Oy 1 LysaenseSerglyTlypLygluGlulValleugInserArgAsn 16

Db 405 GAAATGACTGAGGCTGAGAGAGAGAGGTTCTCCAGAGTCGAGAC 358

RESULT 11

US-09-933-797-678/c

Sequence 678, Application US/09933797

Patent No. US20020155119A1

GENERAL INFORMATION:

APPLICANT: Robert A. Sikes et al.

TITLE OF INVENTION: Isolation and Use of Fetal Urogenital

FILE REFERENCE: 9901-007-999

CURRENT APPLICATION NUMBER: US/09/933,797

PRIOR FILING DATE: 2001-08-22

PRIOR APPLICATION NUMBER: US/09/482,933

PRIOR FILING DATE: 2000-01-14

PRIOR APPLICATION NUMBER: PCT/US99/10746

PRIOR FILING DATE: 1999-05/14

PRIOR APPLICATION NUMBER: 60/085,383

PRIOR FILING DATE: 1998-05-14

NUMBER OF SEQ ID NOS: 811

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 678

LENGTH: 174

TYPE: DNA

ORGANISM: Murine

US-09-933-797-678

Alignment Scores:

Pred. No.: 2.01 Length: 174

Score: 48.00 Matches: 8

Percent Similarity: 73.33% Conservative: 3

Best Local Similarity: 53.33% Mismatches: 4

Query Match: 57.14% Indels: 0

DB: 9 Gaps: 0

US-08-978-217-12 (1-16) x US-09-933-797-678 (1-174)

Oy 1 LysaenseSerglyTlypLygluGlulValleugInserArg 15

Db 78 AAGCACTTAGAGGCTGAGAGAGAGAGGATTCTCCAGAGTCGA 34

RESULT 12

US-09-938-842A-4493/c

Sequence 4493, Application US/09938842A

Patent No. US20020160378A1

GENERAL INFORMATION:

APPLICANT: Harper, Jeff

APPLICANT: Kieps, Joel

APPLICANT: Wang, Xun

APPLICANT: Zhu, Tong

TITLE OF INVENTION: STRESS-REGULATED GENES OF PLANTS, TRANSGENIC PLANTS CONTAINING

FILE REFERENCE: SCRIPI300-3

CURRENT APPLICATION NUMBER: US/09/938,842A

PRIOR FILING DATE: 2001-08-24

PRIOR APPLICATION NUMBER: US 60/227,866

PRIOR FILING DATE: 2000-08-24

PRIOR APPLICATION NUMBER: US 60/264,647

PRIOR FILING DATE: 2001-01-16

PRIOR APPLICATION NUMBER: US 60/300,111

PRIOR FILING DATE: 2001-06-22

NUMBER OF SEQ ID NOS: 5379

SEQ ID NO 4493

LENGTH: 1571

TYPE: DNA

ORGANISM: Arabidopsis thaliana

US-09-938-842A-4493

Alignment Scores:

Pred. No.: 60.2 Length: 1571
 Score: 46.00 Matches: 8
 Percent Similarity: 56.25% Conservative: 1
 Best Local Similarity: 50.00% Mismatches: 7
 Query Match: 54.76% Indels: 0
 DB: 9 Gaps: 0

US-08-978-217-12 (1-16) x US-09-938-842A-4493 (1-1571)

Qy 1 LysAsnSerSerGlyTrrPlysgluGluGluValleuGlnSerArgAsn 16

Db 748 AAGAACAAAAAGATGATCGAGAGAGACCGTTGCAAGTTAGGTCA 701

RESULT 13

US-09-938-842A-760

Sequence 760, Application US/09938842A

Patent No. US20020160378A1

GENERAL INFORMATION:

APPLICANT: Harper, Jeff

APPLICANT: Kreps, Joel

APPLICANT: Wang, Xun

APPLICANT: Zhu, Tong

TITLE OF INVENTION: STRESS-REGULATED GENES OF PLANTS, TRANSGENIC PLANTS CONTAINING

FILE REFERENCE: SCRIPI300-3

CURRENT APPLICATION NUMBER: US/09/938,842A

PRIOR FILING DATE: 2001-08-24

PRIOR FILING DATE: 2000-08-24

PRIOR FILING DATE: 2001-01-16

PRIOR FILING DATE: 2001-06-22

NUMBER OF SEQ ID NOS: 5379

SEQ ID NO 760

LENGTH: 3060

TYPE: DNA

ORGANISM: Arabidopsis thaliana

US-09-938-842A-760

Alignment Scores:

Pred. No.: 133 Length: 3060

Score: 46.00 Matches: 8

Percent Similarity: 83.33% Conservative: 2

Best Local Similarity: 66.67% Mismatches: 0

Query Match: 54.76% Indels: 0

DB: 9 Gaps: 0

US-08-978-217-12 (1-16) x US-09-938-842A-760 (1-3060)

Qy 2 AsnSerSerGlyTrrPlysgluGluGluValleuGln 13

Db 1477 AATTCTCTAGATGAAACGAGAGAGTGTCCGA 1512

RESULT 14

US-09-901-106-1

Sequence 1, Application US/09901106

Patent No. US20020151067A1

GENERAL INFORMATION:

APPLICANT: Garoff, Henrik

APPLICANT: Liljestrom, Peter

TITLE OF INVENTION: DNA Expression Systems Based on

NUMBER OF SEQUENCES: 27

CORRESPONDENCE ADDRESS:

ADDRESS: Birch, Stewart, Kolasch & Birch

STREET: P.O. Box 747

CITY: Falls Church

STATE: Virginia

COUNTRY: USA

ZIP: 22040-0747

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA: US/09/901,106

FILING DATE: 10-Jul-2001

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/07/920,281C

FILING DATE: 13-AUG-1992

ATTORNEY/AGENT INFORMATION:

NAME: Murphy Jr., Gerald M.

REGISTRATION NUMBER: 28,977

REFERENCE/DOCKET NUMBER: 828-103P

TELECOMMUNICATION INFORMATION:

TELEPHONE: 703-241-1300

TELEFAX: 703-241-2848

TELEX: 248345

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:

LENGTH: 11517 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: RNA (genomic)

HYPOTHETICAL: NO

ANTI-SENSE: NO

ORIGINAL SOURCE:

ORGANISM: Semliki Forest Virus

FEATURE:

NAME/KEY: 1..11517

LOCATION: 87..7379

OTHER INFORMATION: /label= genome

/note= "Semliki Forest Virus complete nucleotide

sequence, presented as a cloned DNA sequence; see

Figure 5."

FEATURE:

NAME/KEY: CDS

LOCATION: 7421..11179

OTHER INFORMATION: /product= "SFV polypeptide"

SEQUENCE DESCRIPTION: SEQ ID NO: 1:

Alignment Scores:

Pred. No.: 638 Length: 11517

Score: 46.00 Matches: 7

Percent Similarity: 85.71% Conservative: 5

Best Local Similarity: 50.00% Mismatches: 2

Query Match: 54.76% Indels: 0

DB: 10 Gaps: 0

US-08-978-217-12 (1-16) x US-09-901-106-1 (1-11517)

Qy 3 SerSerGlyTrrPlysgluGluGluValleuGlnSerArgAsn 16

Db 675 GCCACAACTGGCGCGACGAGTGTTCAGCGCCAGAAC 716

RESULT 15

US-09-983-965-4018

Sequence 4018, Application US/09983965

Patent No. US20020137160A1

GENERAL INFORMATION:

APPLICANT: Warren, Wesley C.

APPLICANT: Tao, Nengbing

APPLICANT: Byatt, John C.

APPLICANT: Mathialagan, Nagappan

TITLE OF INVENTION: NUCLEIC ACID AND OTHER MOLECULES ASSOCIATED WITH LACTATION AND

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; TITLE OF INVENTION: MUSCLE AND FAT DEPOSITION
; FILE REFERENCE: 37-21(10297)C
; CURRENT APPLICATION NUMBER: US/09/983,965
; CURRENT FILING DATE: 2001-10-26
; PRIOR APPLICATION NUMBER: US 09/465,231
; PRIOR FILING DATE: 1999-12-15
; PRIOR APPLICATION NUMBER: US 60/113,678
; PRIOR FILING DATE: 1998-12-17
; NUMBER OF SEQ ID NOS: 5912
; SEQ ID NO 4018
; LENGTH: 463
; TYPE: DNA
; ORGANISM: Bos taurus
; FEATURE:
; OTHER INFORMATION: Clone ID: 54-LIB3058-022-Q1-K1-F10
US-09-983-965-4018

Alignment Scores:
Pred. No.:      21.1      Length:      463
Score:          45.00     Matches:      8
Percent Similarity: 71.43% Conservative: 2
Best Local Similarity: 57.14% Mismatches: 4
Query Match:    53.57%   Indels:      0
DB:             10      Gaps:       0

US-08-978-217-12 (1-16) x US-09-983-965-4018 (1-463)
OY      1  LysAenseSerGlyTrpLysGluGluGluValLeuGlnSer 14
       228  GAAACGAGTCTGTTGGAAATCACAGAAATGCTGATGCT 269

Search completed: March 16, 2003, 03:36:14
Job time : 8.44656 secs
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